What is claimed is:

1. A method for the measuring volatile organic compounds of a material produced in a system having emissions, said method comprising the steps of:
   (a) disposing an amount of said material in an enclosed bag having a sealable opening such that there is headspace above said material in said enclosed bag;
   (b) storing said enclosed bag containing said solid material at the mean exit temperature of said emissions of said system such that equilibrium between said material and said headspace is reached; and
   (c) introducing samples from said headspace into a flame ionization detector which thereby measures said volatile organic compounds of said material.

2. The method of claim 1 wherein said system is a fluid bed dryer.

3. The method of claim 1 wherein said system is a spray dryer.

4. The method of claim 1 wherein said storing step is for from about 5 hours to about 24 hours.

5. The method of claim 1 wherein said amount of said material is from about 1 gram to about 100 grams.

6. The method of claim 1 wherein said system is a storage tank.

7. The method of claim 1 wherein said mean exit temperature is from about 5°C to about 100°C.

8. A kit for measuring the volatile organic compounds of a material produced in a system having emissions, said kit comprising:
   (a) an enclosed bag having a sealable opening to allow an amount of said material to be placed in said enclosed bag such there is headspace above said material; and
   (b) instructions for analyzing samples from said headspace in said enclosed bag, thereby providing said volatile organic compounds of said material.

9. The kit of claim 8 wherein said instructions for analyzing samples include withdrawing said samples from said headspace using a flame ionization detector.

10. The kit of claim 8 wherein said instructions for analyzing samples include storing said enclosed bag in a temperature adjustable apparatus.